

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): An image recording apparatus comprising:
 - an image recording unit which records an image on an image recording material;
 - a transporting unit which transports said image recording material whose shape has at a least one side in a predetermined transporting direction;
 - a position detecting unit for said image recording material which detects a position of said image recording material in said at least one side along said predetermined transporting direction;
 - a reference storage unit storing a corresponding relationship between the position detecting unit and the image recording unit; and
 - an image recording position correcting unit which allows said image recording unit to correct an image recording position for said image recording material by referencing the corresponding relationship stored in the reference storage unit and based on result of detection of said position of said image recording material in said at least one side by said position detecting unit so that said image can be recorded correctly at a position to be recorded on said image recording material transported as it is by said transporting unit without correcting said detected position of said image recording material;
- wherein a desired image is recorded on said image recording material at the corrected image recording position by said image recording unit.

2. (previously presented): An image recording apparatus according to claim 1, said position detecting unit detecting an inclination with relative to said transporting direction of said material during transporting from a plurality of portions along said side obtained using said position detecting unit and said image recording position correcting unit correcting a present position of said image recording material depending on said inclination.

3. (original): An image recording apparatus according to claim 1, said position detecting unit having a laser length measuring unit.

4. (original): An image recording apparatus according to claim 1, said position detecting unit having a transmission-type detecting unit or a reflection-type optical detecting unit.

5. (original): An image recording apparatus according to claim 1, said position detecting unit having a potentiometer provided with a lever capable of rotating around a shaft.

6. (original): An image recording apparatus according to claim 1, said image recording material being a rectangular and/or flexible film.

7. (original): An image recording apparatus according to claim 1 being a thermal printer or a laser printer.

8. (currently amended): An image recording apparatus comprising:
an image recording unit which records an image on an image recording material;

a transporting unit which transports said image recording material whose shape has at least two sides being opposite in a predetermined transporting direction;

a position detecting unit for said image ~~forming~~ recording material which is arranged at positions of said at least two sides along said predetermined transporting direction, and which detects a size of said image recording material based on positions of said at least two sides along said predetermined transporting direction; and

an image recording position correcting unit which corrects an image recording position for said image recording material based on result of detection by said position detecting unit;

wherein a desired image is recorded on said image recording material at the corrected image recording position by said image recording unit.

9. (original): An image recording apparatus according to claim 8, said position detecting unit having a laser length measuring unit.

10. (original): An image recording apparatus according to claim 8, said position detecting unit having a transmission-type detecting unit or a reflection-type optical detecting unit.

11. (original): An image recording apparatus according to claim 8, said position detecting unit having a potentiometer provided with a lever capable of rotating around a shaft.

12. (original): An image recording apparatus according to claim 8, said image recording material being a rectangular and/or flexible film.

13. (original): An image recording apparatus according to claim 8 being a thermal printer or a laser printer.

14. (previously presented): An image recording apparatus comprising:
an image recording unit which records an image on an image recording material;
a transporting unit which transports said image recording material whose shape is rectangular in a predetermined transporting direction;
a position detecting unit for said image recording material which detects an inclination of said image recording material based on positions of at least two sides along said predetermined transporting direction;
a reference storage unit storing a corresponding relationship between the position detecting unit and the image recording unit; and
an image recording position correcting unit which allows said image recording unit to correct an image recording position for said image recording material with reference to the corresponding relationship stored in the reference storage unit and based on the detected inclination so that said image can be recorded correctly at a position to be recorded on said image recording material transported as it is by said transporting unit without correcting said detected inclination of said image recording material;
wherein a desired image is recorded on said image recording material at the corrected image recording position by said image recording unit.

15. (original): An image recording apparatus according to claim 14, said position detecting unit having a laser length measuring unit.

16. (original): An image recording apparatus according to claim 14, said position detecting unit having a transmission-type detecting unit or a reflection-type optical detecting unit.

17. (original): An image recording apparatus according to claim 14, said position detecting unit having a potentiometer provided with a lever capable of rotating around a shaft.

18. (original): An image recording apparatus according to claim 14, said image recording material being a flexible film.

19. (original): An image recording apparatus according to claim 14 being a thermal printer or a laser printer.

20. (previously presented): The image recording apparatus according to claim 1, wherein the image recording position correcting unit corrects the image recording position by referencing sample detection patterns and corresponding ranges for output, stored in the reference storage unit.

21. (previously presented): The image recording apparatus according to claim 1, wherein the image recording position correcting unit compares the detected position of said

image recording material with sample detection patterns stored in the reference storage unit, selects output ranges corresponding to a sample detection pattern that matches the detected position, and corrects image recording position for said image recording material based on the selected output ranges.

22. (previously presented): The image recording apparatus according to claim 8, further comprising a reference table storing sample detection patterns and corresponding ranges of output thereby indicating a relationship between the position detecting unit and the image recording unit, wherein the image recording correcting unit corrects the image recording position based on the results of the detection with reference to the detection patterns and the corresponding ranges of output, stored in the reference table.

23. (previously presented): The image recording apparatus according to claim 8, further comprising a reference table storing sample detection patterns and corresponding ranges of output, wherein the image recording correcting unit compares the results of the detection with said sample detection patterns stored in the reference table, selects output ranges corresponding to a sample detection pattern that matches the results of the detection, and corrects said image recording position of said image recording material based on the selected output ranges.

24. (new): The image recording apparatus according to claim 1, wherein the reference storage unit stores a reference table showing corresponding relationship between the position detecting unit and the image recording unit, and

wherein the image recording position correcting unit compares the detected position of said image recording material with reference detecting positions of the position detecting unit stored in the reference table, when the detected position matches one of the reference detecting positions, a corresponding recording reference position of the image recording unit is obtained, and corrects the image recording position to the obtained recording reference position.

25. (new): The image recording apparatus according to claim 1, wherein the image recording position correcting unit automatically corrects the image recording position by referencing the corresponding relationship.

26. (new): The image recording apparatus according to claim 1, wherein the image recording correcting unit automatically compares the detected position of said image recording material with reference detecting positions of the position detecting unit stored in the reference storage unit, and based on said comparison, automatically corrects the image recording position to the obtained recording reference position.

27. (new): The image recording apparatus according to claim 8, further comprising: a reference storage unit storing a corresponding relationship between the position detecting unit and the image recording unit, wherein said image recording position correcting unit corrects said image recording position for said image recording material with reference to the corresponding relationship stored in the reference storage unit and based on the result of detection by said position detecting unit.

28. (new): The image recording apparatus according to claim 8, wherein said image recording position correcting unit allows said image recording unit to correct said image recording position for said image recording material based on the result of detection of said positions of said at least two sides by said position detecting unit and said size of said image recording material based on said positions of said at least two sides so that said image can be recorded correctly at the position to be recorded on said image recording material transported as it is by said transporting unit without correcting a position of said image recording material.